PLAN OF OPERATIONS FOR MINING ACTIVITIES ON NATIONAL FOREST LANDS

S	Signature	Title	7-8-19°
Pl	an Received by		
	Signature	Title	Date
	I. GENERA	AL INFORMATION	
A. B.	Type of Operation	expositions	Levelopm
C.	If continuing a previous operation, this plan (replaced on the continuing on the continuing a previous operation, this plan (replaced on the continuing on the continuing of t	ploration, development, production NE) laces/modifies/supplements) a pre	9
D.	Proposed start-up date of operation	ly 15, 1999	
E.	Expected total duration of this operation	est, 15, 1999	
F.	If seasonal, expected date of annual reclamation/	stabilization close-out	
G.	Expected date for completion of all required recla	imation Sept 15,	1999
	II. PRI	INCIPALS	
A.	Name, address and phone number of operator_	Lanner Toc	
<u> </u>	Name, address and phone number of authorized to authorize authorization to act on behalf of experience.	ield representative (if other than the	527-3 35
	authorization to act on behalf of operator.		
O. 1	Name, address and phone number of owners of th	e claims (if different than the oper	ator):
			

involvement with the operation, if applicable:	er lessees, assign ,gents, etc., and bri	iefly describe thei
III. PROI	PERTY OR AREA	
Name of claim, if applicable, and the legal land desc	ription where the operation will be cond	ucted.
MC # Name	Section Township	Range
Jordfill 16.1	24; NEY Ta65	RSW
IV. DESCRIPTION	N OF THE OPERATION	
Access. Show on a map (USGS quadrangle map if applicable, and all access needs such as road Service roads will be used, where maintenance is necessary. For new construction, include cons and size of culverts, describe maintenance plans will use the access routes. An exploration french will be considered to help roads will be considered.	s and trails, on and off the claim. Speci or reconstruction is proposed, and where truction specifications such as widths, g , and the type and sizes of vehicles and	fy which Forest e new construction
Map, Sketch or Drawing. Show location and layor or springs if known. Show the size and kind of all ponds, stream channels and run-off diversions, we etc. Include sizes, capacities, acreage, amounts, I	Surface disturbances such as trenches,	

C.	Project Description. Describe all aspects of the operation including mining, milling, and exploration methods materials, equipment, workforce, construction and operation schedule, power requirements, how clearing will be accomplished, topsoil stockpiled, waste rock placement, tailings disposal; proposed number of drillhole and depths; depth of proposed suction dredging, and how gravels will be replaces, etc. Calculate production rates of ore. Include justification and calculations for settling pond capacities and, the size of runoff diversion channels.					ng noles					
	One	explo	ration D'x 15'	trenc	h wi	11 be	excuv	ated.	Appio	rimate	
	<u>5,2e</u>	= <u>i</u>	0'x 15'	X 1:	5 deep). W	.thin	200-	fact r	wth	
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	wash plant, mill, etc.). Include: sizes, capacity, frequency of use, etc.
	Back hor piky etc.
	Structures Individuals in the second
•	Structures. Include information about fixed or portable structures or facilities planned for the operation. Show locations on the map. Include such things as living quarters, storage sheds, mill buildings, thickener tanks, fuel storage, powder magazines, pipe lines, water diversions, trailer, sanitation facilities including sewage disposal, etc. Include engineering design and geotechnical information for project facilities, justification and calculations for sizing of tanks, pipelines and water diversions, etc.
	V. Environmental protection measures (see 36 CFR 228.8)
ı	Air Quality. Describe measures proposed to minimize impacts on air quality such as obtaining a burning permit for slash disposal or dust abatement on roads.
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•		vater quality. State he pplicable state and federal water qualled andards will be met. Describe measures r management practices to be used to minimize water quality impacts and meet applicable standards.
	1.	State whether water is to be used in the operation, and describe the quantity, source, methods and design of diversions, storage, use, disposal, and treatment facilities. Include assumptions for sizing water conveyance or storage facilities.
	2.	Describe methods to control erosion and surface water runoff from all disturbed areas, including waste and tailings dumps.
	3.	Describe proposed surface water and groundwater quality monitoring, if required, to demonstrate compliance with federal or state water quality standards.
	4.	Describe the measures to be used to minimize potential water quality impacts during seasonal closures, or for a temporary cessation of operations.
	5.	If land application is proposed for waste water disposal, the location and operation of the land application system must be described. Also describe how vegetation, soil, and surface and groundwater quality will be protected if land application is used.
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C.	~,	d Wastes. Describe the quantity and the physical and chemical characteristics of solid waste produced ne operation. Describe how the wastes will be disposed of including location and design of facilities, or ed so as to minimize adverse impacts.
D.	Sceni	c Values. Describe protection of scenic values such as screening, slash disposal, or timely reclamation.
	<u>. </u>	(If more space is needed to fill out a block of information was a live

	threatened, endangered, and sensitive species) affected by the operations.
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	Cultural Resources. Describe measures for protecting known historic and archeological values, or new sites in the project area.
_	fazardous Substances.
	. Identify the type and volume of all hazardous materials and toxic substances which will be used or general in the operations including cyanide, solvents, petroleum products, mill, process and laboratory reagen
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	For each material or substance, describe the methods, volume, and frequency of transport (include type of containers and vehicles), procedures for use of materials or substance, methods are substanced to the methods.
	For each material or substance, describe the methods, volume, and frequency of transport (include type of containers and vehicles), procedures for use of materials or substances, methods, volume, and containers for disposal of materials and substances, security (fencing), identification (cigning/leneling)
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	a toxic substance. This includes plans for spill prevention, containment, notification, and cleanup.
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H.	Reclamation. Describe the annual and final reclamation standards based on the anticipated schedule for construction, operations, and project closure. Include such items as the removal of structures and facilities including bridges and culverts, a revegetation plan, permanent containment of mine tailings, waste, or sludges which pose a threat of a release into the environment, closing ponds and eliminating standing water, a final surface shaping plan, and post operations monitoring and maintenance plan.
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	VI. FOREST SERVICE EVALUATION OF PLAN OF OPERATIONS
	Required changes/modifications/special mitigation for plan of operations: <u>See attached</u> Plan modification and reclumation plan and worksheet
	Dlan modification and reclumation plan and worksheet.

B.	Bond. Reclamation of all usuarbances connected with this plan of operations is covered by Reclamation
	renormance bond No dated signed by /Principal and
	(Surety), for the penal sum of \$260.00. This Reclamation Performance Bond is a guarantee of faithful performance with the terms and conditions listed below, and with the reclamation requirements agreed upon in the plan of operations. This Reclamation Performance Bond also extends to and includes any unauthorized activities conducted in connection with this operation.

The bond amount for this Reclamation Performance Bond was based on a bond calculation worksheet. The bond amount may be adjusted during the term of this proposed plan of operations in response to changes in the operations or to changes in the economy. Both the Reclamation Performance Bond and the bond calculation worksheet are attached to and made part of this plan of operations.

Should the bond delivered herewith, or any bond delivered hereafter in connection with this plan of operations, no longer be in effect, the operator shall, within 30 calendar days of receipt of the Forest Service demand, furnish a new bond satisfactory to the Forest Service. Until such time that a satisfactory bond is received by the Forest Service, no further operations other than reclamation activities will be allowed.

Acceptable bond securities (subject to change) include:

- 1. Negotiable Treasury bills and notes which are unconditionally guaranteed as to both principle and interest in an amount equal at their par value to the penal sum of the bond; or
- 2. Certified or cashier's check, bank draft, Post Office money order, cash, assigned certificate of deposit, assigned savings account, blanket bond, or an irrevocable letter of credit equal to the penal sum of the bond.

TERMS AND CONDITIONS

- A. If a bond is required, it must be furnished before approval of the plan of operations.
- B. Information provided with this plan marked confidential will be treated in accordance with the agency's laws, rules and regulations.
- C. Approval of this plan of operations does not constitute certification of ownership to any person named herein and/or recognition of the validity of any mining claim named herein.
- D. Approval of this plan does not relieve me of my responsibility to comply with other applicable state or federal laws, rules or regulations.
- E. If previously undiscovered cultural resources (historic or prehistoric objects, artifacts, or sites) are exposed as a result of operations, those operations will not proceed until notification is received from the Authorized Officer that provisions for mitigating unforeseen impacts as required by 36 CFR 228.4(e) and 36 CFR 800 have been complied with.
- F. This plan of operations has been approved for a period of 2 months or until September 15,1999. A new or revised plan must be submitted in accordance with 36 CFR part 228, subpart A, if operations are to be continued after that time period.

OPERATING PLAN ACCEPTANCE:

(Authorized Officer)

until the Authorized Officer in charge gives written approval of the re-	clamation work.
Operator (or Authorized Representative)	7-8-1999 (Date)
OPERATING PLAN APPROVAL:	
(Name)	(Title)

I/We have reviewed and agree to comply with all conditions in this plan of operations including the required changes, modifications, special mitigation, and reclamation requirements. I/We understand that the bond will not be released

Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Agriculture, Clearance Officer, OIRM, Room 404-W, Washington, D.C. 20250; and to the Office of Management and Budget, Paperwork Reduction Project (OMB #0596-0022), Washington, D.C. 20503.

(Date)



